

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042623\  
 Data File : VW030888.D  
 Acq On : 26 Apr 2023 18:24  
 Operator : SY/MD  
 Sample : 02475-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AW7

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 04/27/2023  
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 04:48:39 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 27 04:45:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 5.542          | 114  | 158710     | 50.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793          | 117  | 153043     | 50.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194         | 152  | 79802      | 50.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 1.282          | 65   | 54681      | 46.998    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 94.000%   |        |          |
| 7) Chloroethane-d5            | 1.539          | 69   | 49403      | 50.671    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 101.340%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.066          | 65   | 29080      | 52.705    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 105.400%  |        |          |
| 21) 2-Butanone-d5             | 3.806          | 46   | 75661      | 118.397   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 118.400%  |        |          |
| 24) Chloroform-d              | 4.259          | 84   | 124174     | 58.893    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 117.780%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.950          | 65   | 88618      | 65.373    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 130.740%# |        |          |
| 32) Benzene-d6                | 4.970          | 84   | 227731     | 62.937    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 125.880%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.998          | 67   | 69646      | 61.965    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 123.920%# |        |          |
| 41) Toluene-d8                | 7.252          | 98   | 202590     | 59.633    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 119.260%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 35509      | 62.682    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 125.360%# |        |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 46572      | 105.183   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 105.180%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159         | 84   | 96999      | 59.475    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 118.940%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 87355      | 68.869    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 137.740%# |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.073          | 96   | 2588       | 2.329     | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.822          | 96   | 5445m      | 4.462     | ug/L   |          |
| 30) 1,1,1-Trichloroethane     | 4.523          | 97   | 52898      | 24.598    | ug/L   | 99       |
| 34) Trichloroethene           | 5.841          | 95   | 322671     | 266.925   | ug/L   | 97       |
| -----                         |                |      |            |           |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

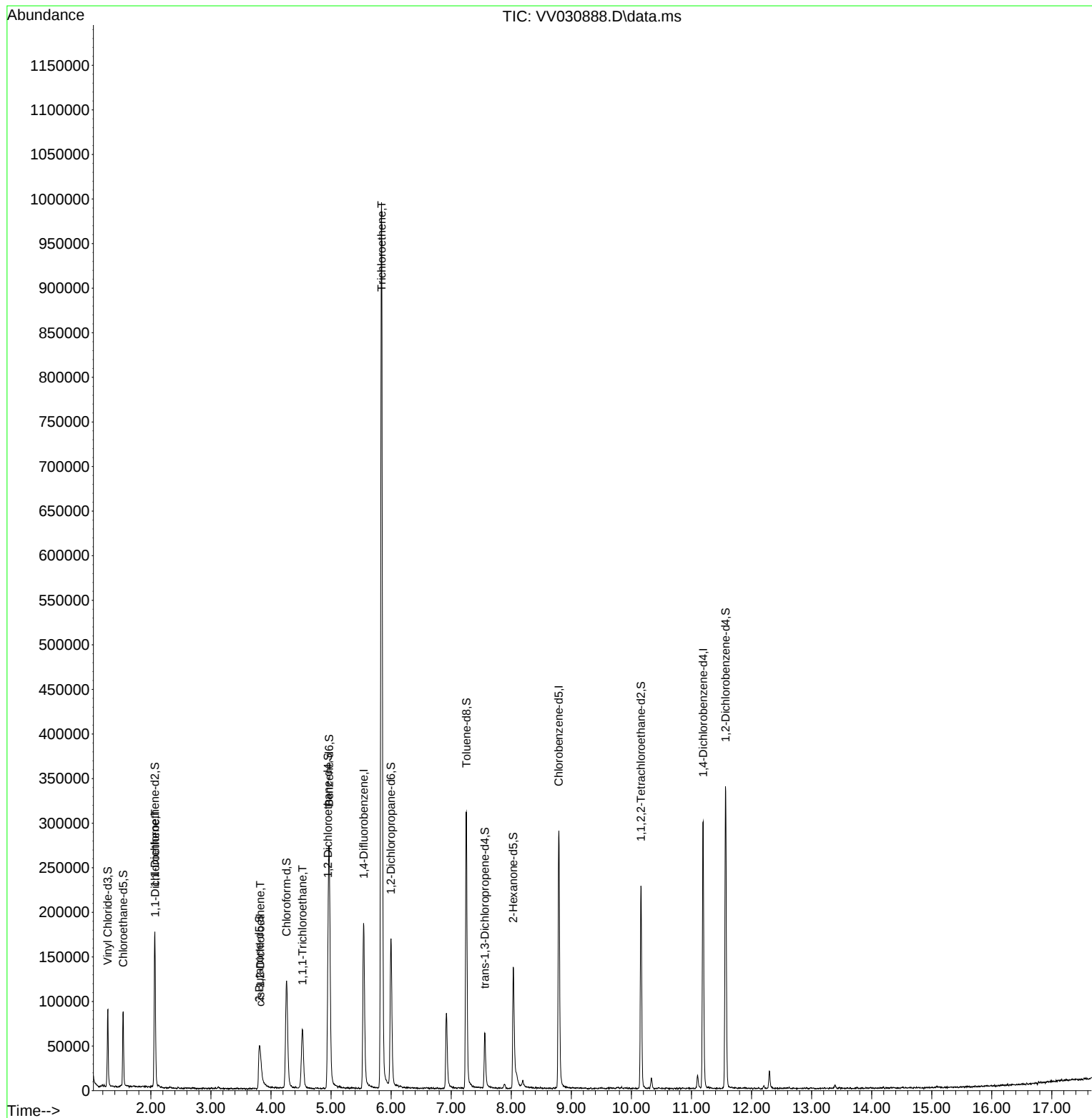
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042623\  
Data File : VV030888.D  
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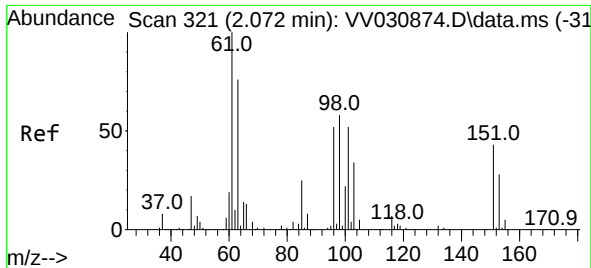
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 27 04:45:18 2023  
Response via : Initial Calibration

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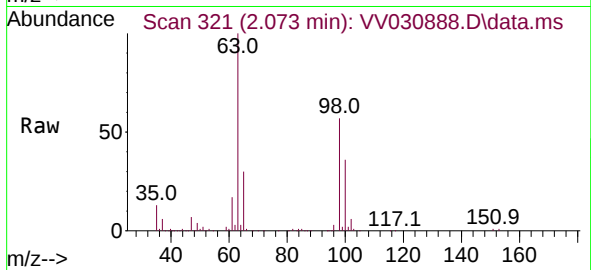
Reviewed By :Krupa Patel 04/27/2023  
Supervised By :Mahesh Dadoda 04/27/2023





#12  
1,1-Dichloroethene  
Concen: 2.329 ug/L  
RT: 2.073 min Scan# 321  
Delta R.T. 0.000 min  
Lab File: VV030888.D  
Acq: 26 Apr 2023 18:24

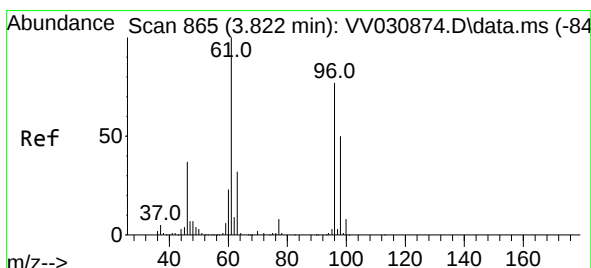
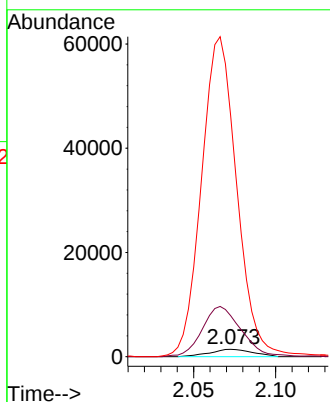
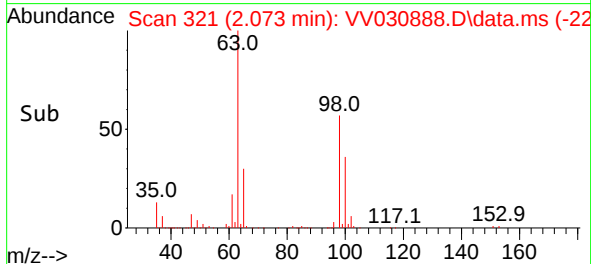
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AW7



Tgt Ion: 96 Resp: 2588  
Ion Ratio Lower Upper  
96 100  
61 553.0 131.9 245.0  
63 3252.4 99.8 185.3

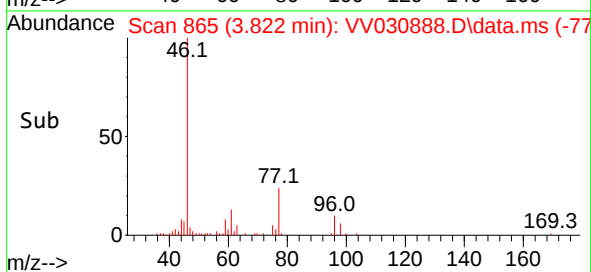
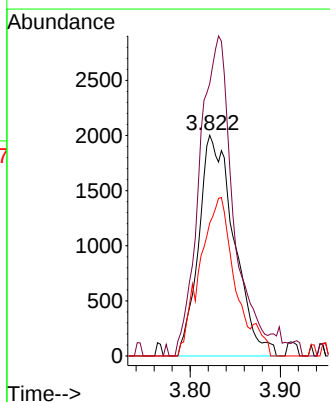
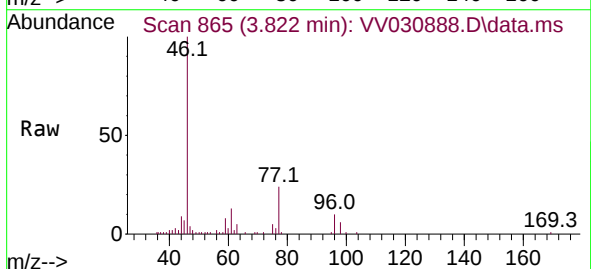
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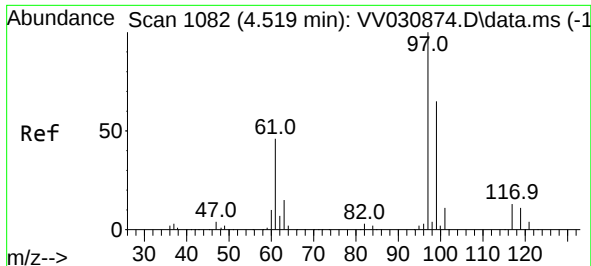
Reviewed By :Krupa Patel 04/27/2023  
Supervised By :Mahesh Dadoda 04/27/2023



#20  
cis-1,2-Dichloroethene  
Concen: 4.462 ug/L m  
RT: 3.822 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VV030888.D  
Acq: 26 Apr 2023 18:24

Tgt Ion: 96 Resp: 5445  
Ion Ratio Lower Upper  
96 100  
61 123.4 92.3 171.3  
98 60.3 45.9 85.3





#30

1,1,1-Trichloroethane

Concen: 24.598 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030888.D

Acq: 26 Apr 2023 18:24

Instrument :

MSVOA\_V

ClientSampleId :

C0AW7

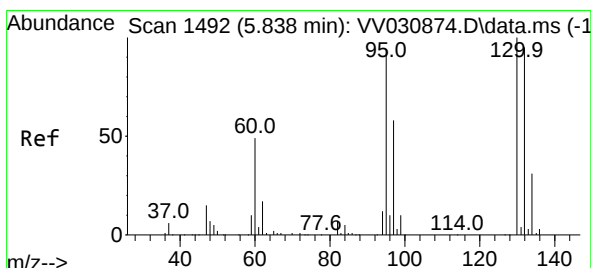
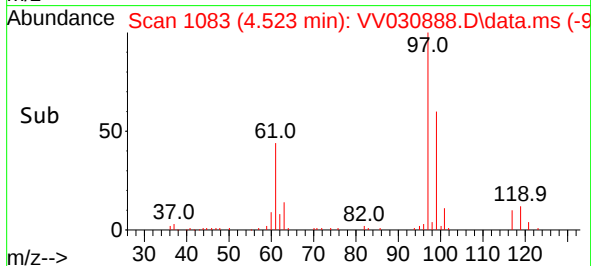
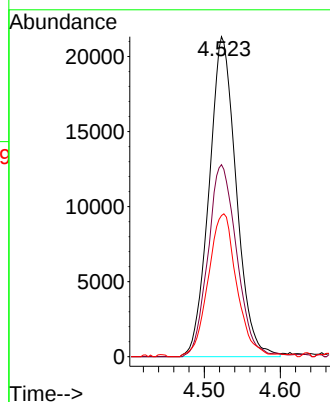
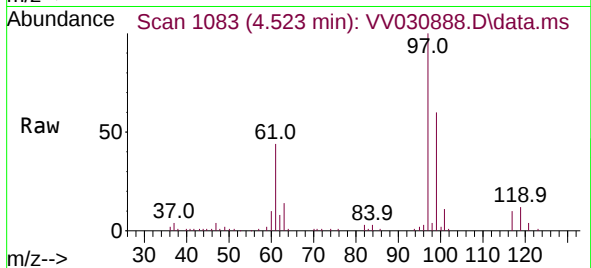
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 5289  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 63.1     | 51.4 77.0   |
| 61 46.7     | 37.0 55.6   |

Manual Integrations

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Reviewed By :Krupa Patel 04/27/2023

Supervised By :Mahesh Dadoda 04/27/2023



#34

Trichloroethene

Concen: 266.925 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030888.D

Acq: 26 Apr 2023 18:24

|             |              |
|-------------|--------------|
| Tgt Ion: 95 | Resp: 322671 |
| Ion Ratio   | Lower Upper  |
| 95 100      |              |
| 97 64.1     | 45.8 85.2    |
| 132 103.0   | 70.6 131.2   |
| 130 106.6   | 70.9 131.7   |

